

Special Weather Briefing

“Major Winter Storm On Track”

NWS Albuquerque
November 23, 2013

updated 2:30pm MST

Special Weather Briefing



Changes and Highlights Since Yesterday

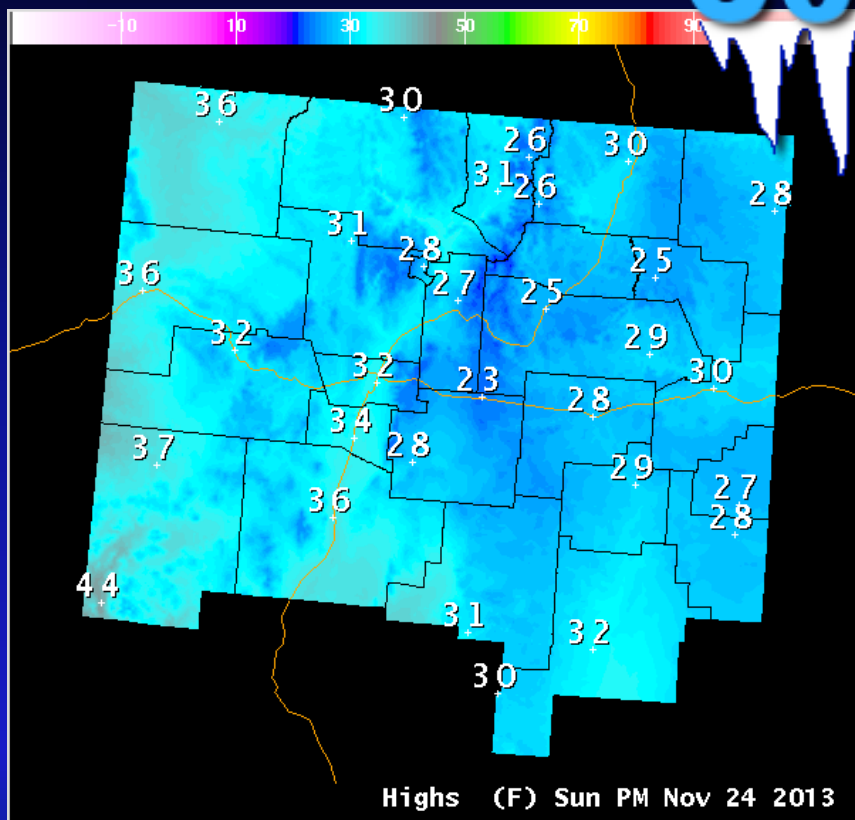
- ▶ Less confident that east wind will have a big impact on eastern ABQ areas.
- ▶ Sleet slowly transitioned to snow this morning across the southeast plains.
- ▶ Continues to look less likely for additional FZRA across the eastern plains through the weekend.
- ▶ **BIG TIME SNOW POTENTIAL** tonight through Sunday!
- ▶ Wrap-around precipitation Monday could be significant especially for NC/NE areas



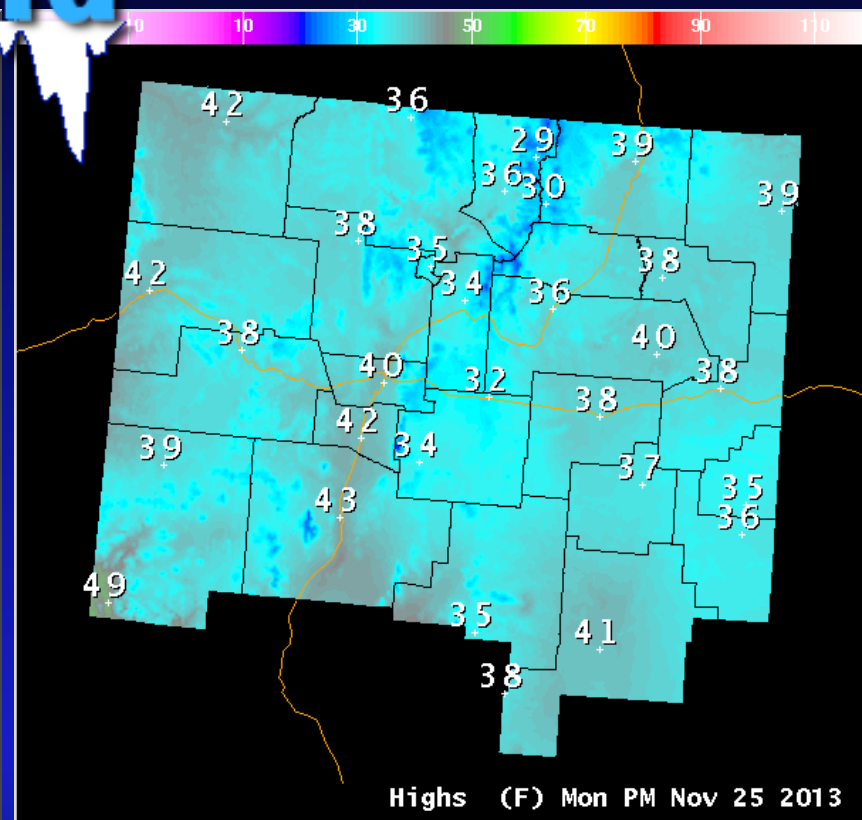
Continued Cold Temperatures

Cold

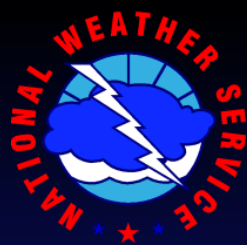
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Forecast Highs Sunday



Forecast Highs Monday



Satellite Review

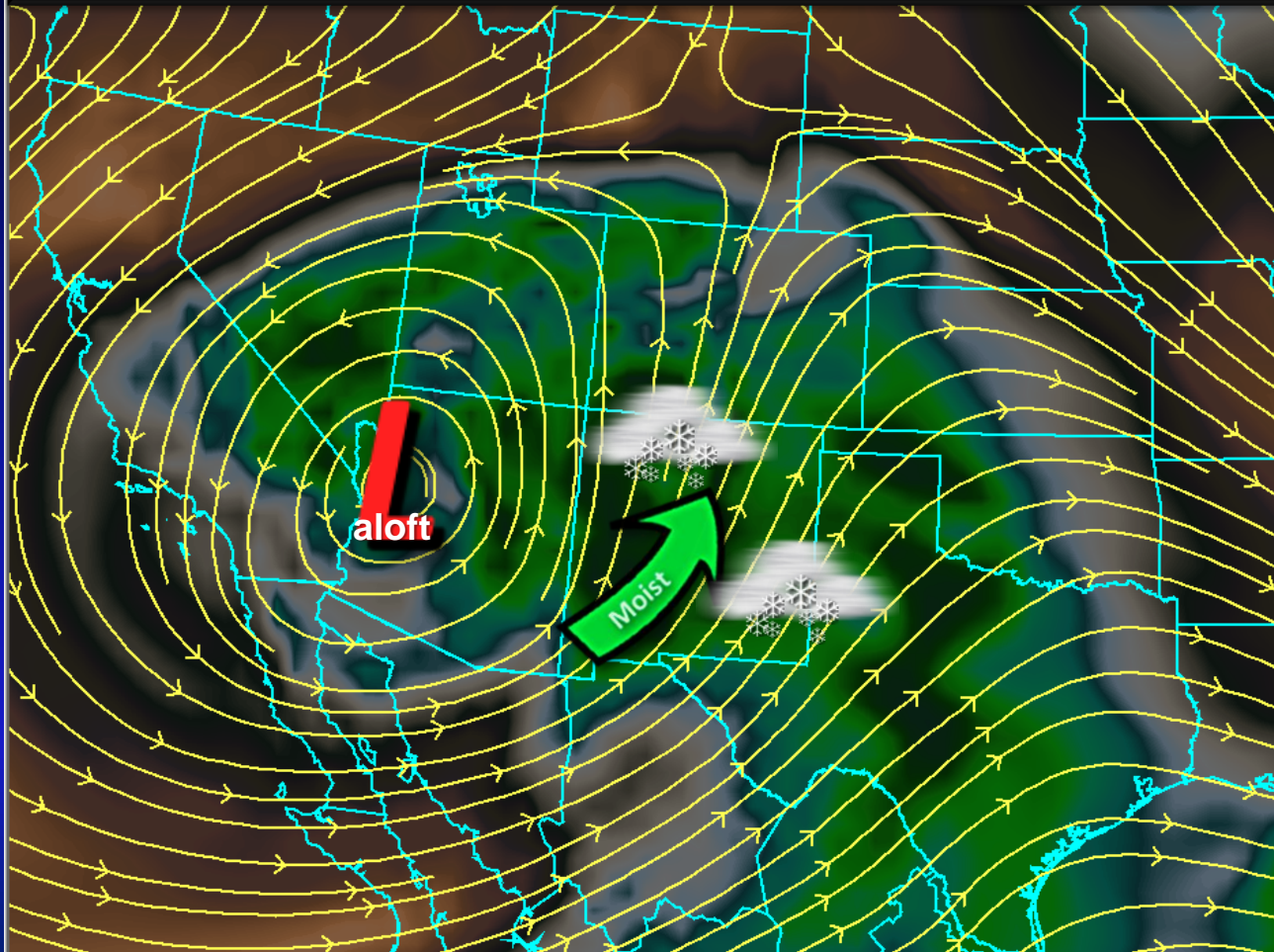
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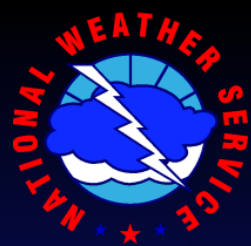


Upper Level Forecast Chart (Image is Moisture)

5AM Sunday

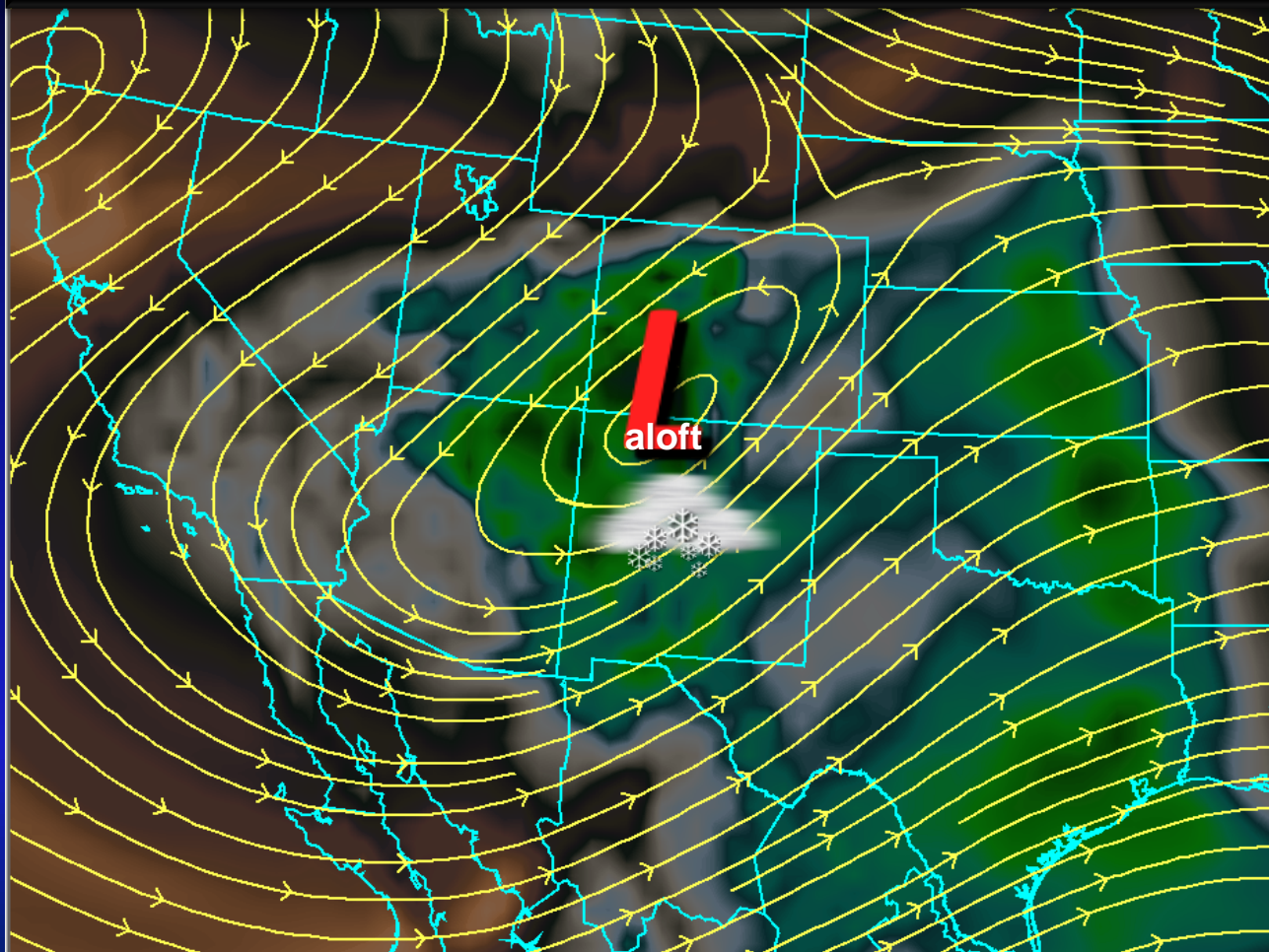


Tonight → Sunday AM: Widespread snow, heavy at times, developing in bands and becoming enhanced near the Continental Divide, east slope locations, and the eastern plains. All areas will be impacted!



Upper Level Forecast Chart (Image is Moisture)

5PM Sunday

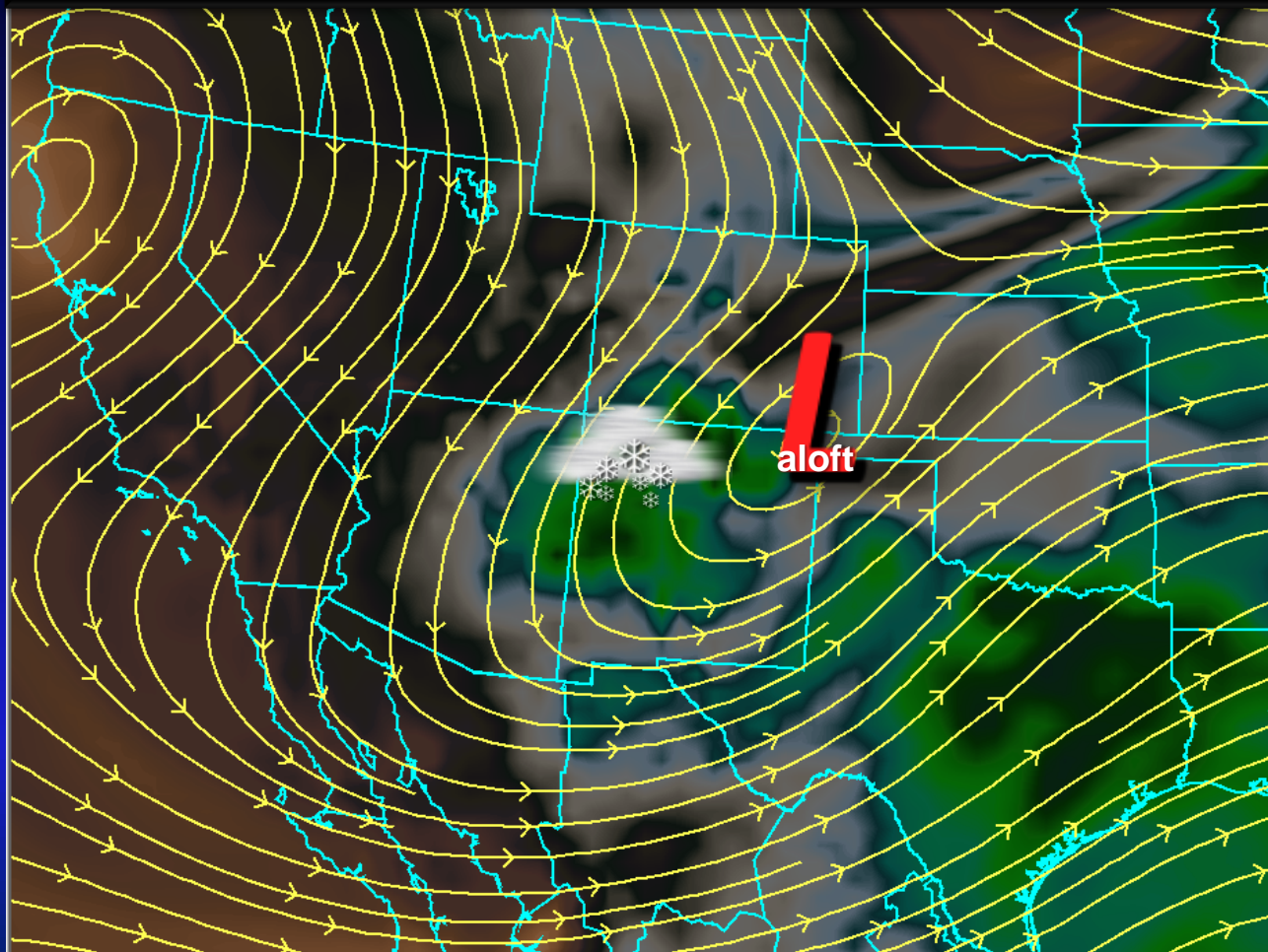


Sunday PM: Widespread snow, heavy at times, developing in bands and becoming enhanced near the Continental Divide, east slope locations, and the eastern plains. All areas will be impacted!



Upper Level Forecast Chart (Image is Moisture)

5AM Monday



Monday AM: Widespread snow, heavy at times, will persist in the "wrap-around" region on the back side of the low that is expected to reach the northeast corner of the state early Monday morning.

Projected Snowfall Tonight-Sunday

Trace – 1"

2 -3"

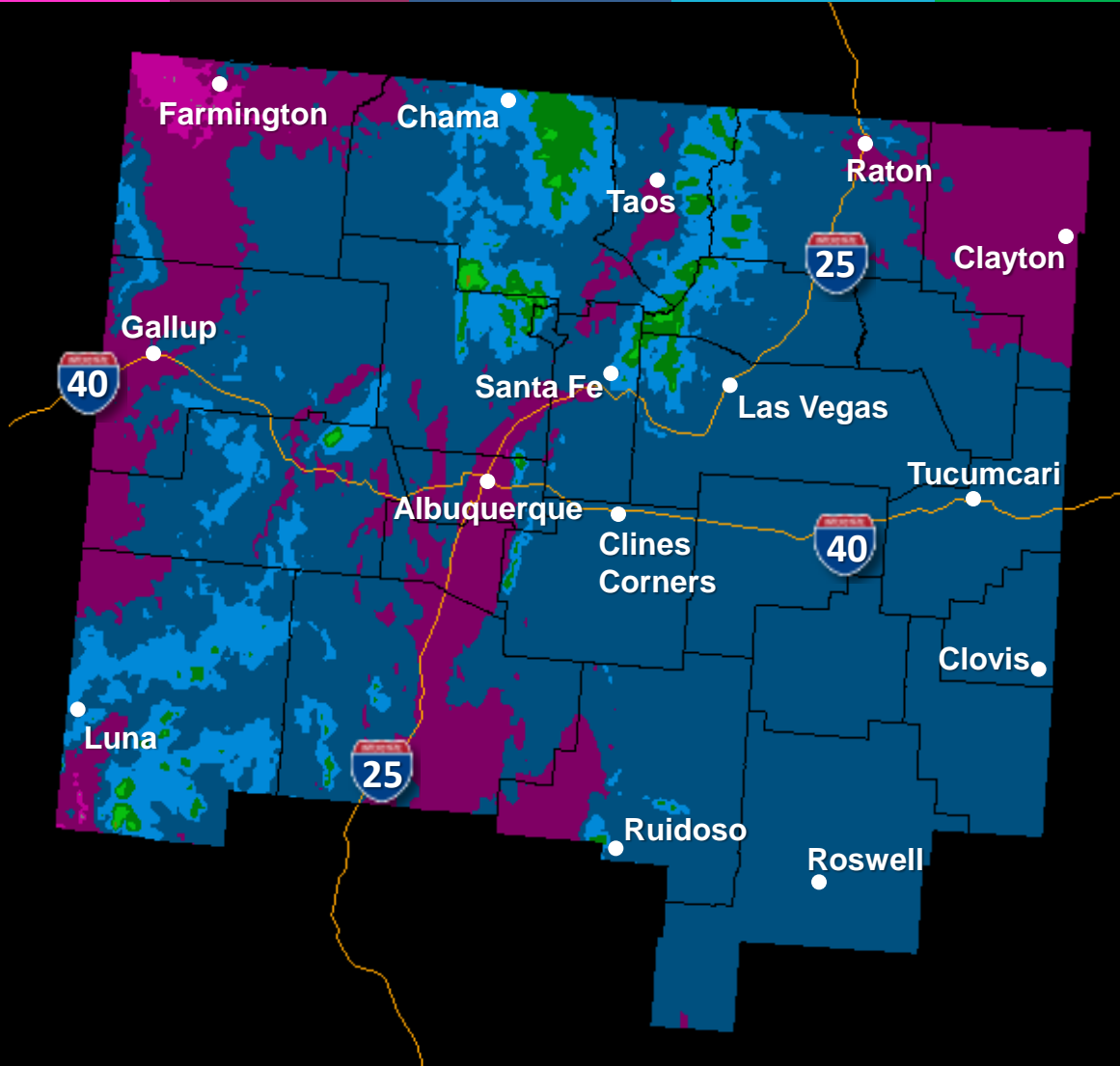
4 -5"

6 - 8"

9-12"

12-18"

18+"



☐ **HEAVY SNOW POSSIBLE**
just about anywhere
across Northern and
Central NM.

☐ **Snow shadowing along**
portions of the Rio
Grande Valley due to
persistent east canyon
winds.

Projected Snowfall Sunday Night-Mon

Trace – 1"

2 -3"

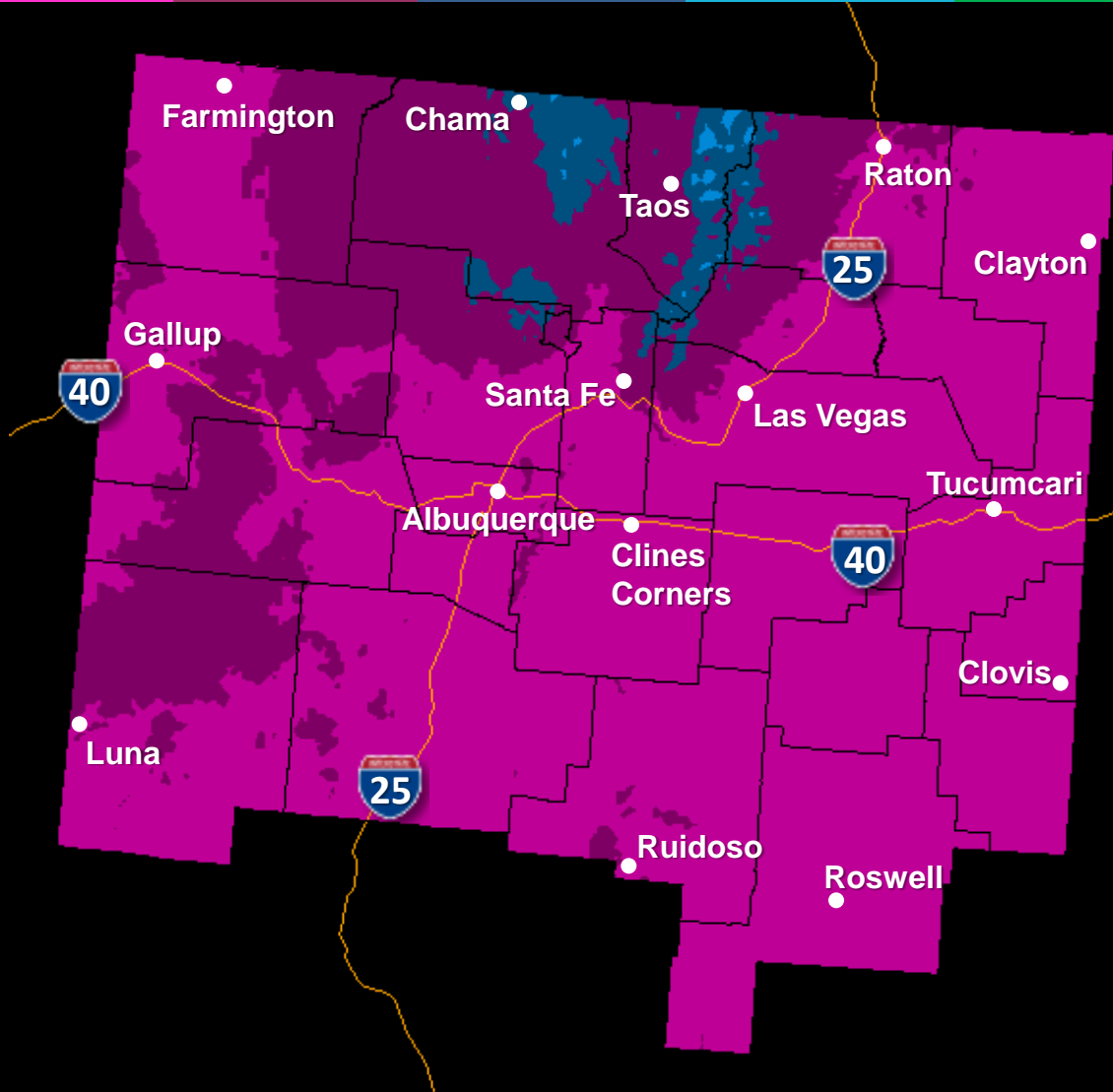
4 -5"

6 - 8"

9-12"

12-18"

18+"

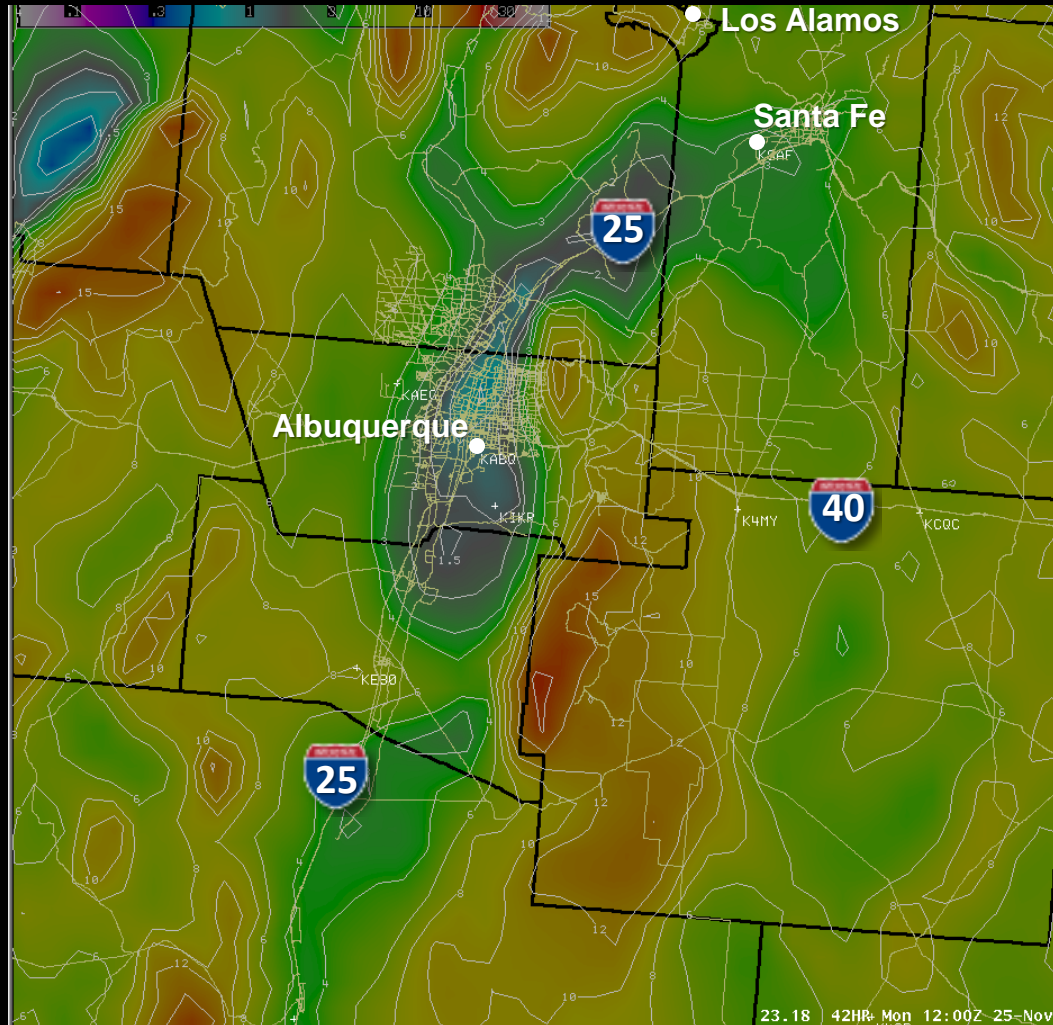


❑ Focus for additional heavy snow shifts to backside of low to include much of NC into WC areas.

❑ This is often the “gotcha” period when some of the heaviest snows occur.

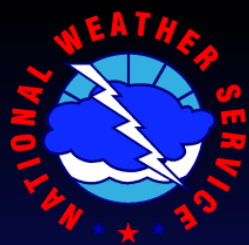
❑ Areas from Taos to Santa Fe and possibly ABQ could be among the favored regions!

Snow Shadow Effects



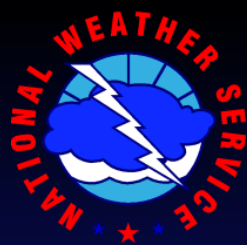
Low level east to west winds will create localized shadow effects below gaps/passes, and to the west/northwest of mountains.

Gap winds may lower amounts, especially on the Albuquerque east side. However, amounts may be higher west of ABQ in upslope areas.



Storm Review:

- ▶ Round one ending tonight. Still a wintry mix possible across the southeast plains.
- ▶ Round two developing Saturday Afternoon and continuing through Sunday/Sunday night.
- ▶ Snow levels lower across the north and west. Widespread heavy snow possible – greatest amounts across the northern and western high terrain Saturday evening through Monday morning. But eastern plains could see more than 6 inches in spots!
- ▶ As system exits Monday, some wrap around precipitation is possible during the day Monday– mainly in the form of snow, and low elevation rain or mixed rain and snow.



Other Winter Storm Impacts

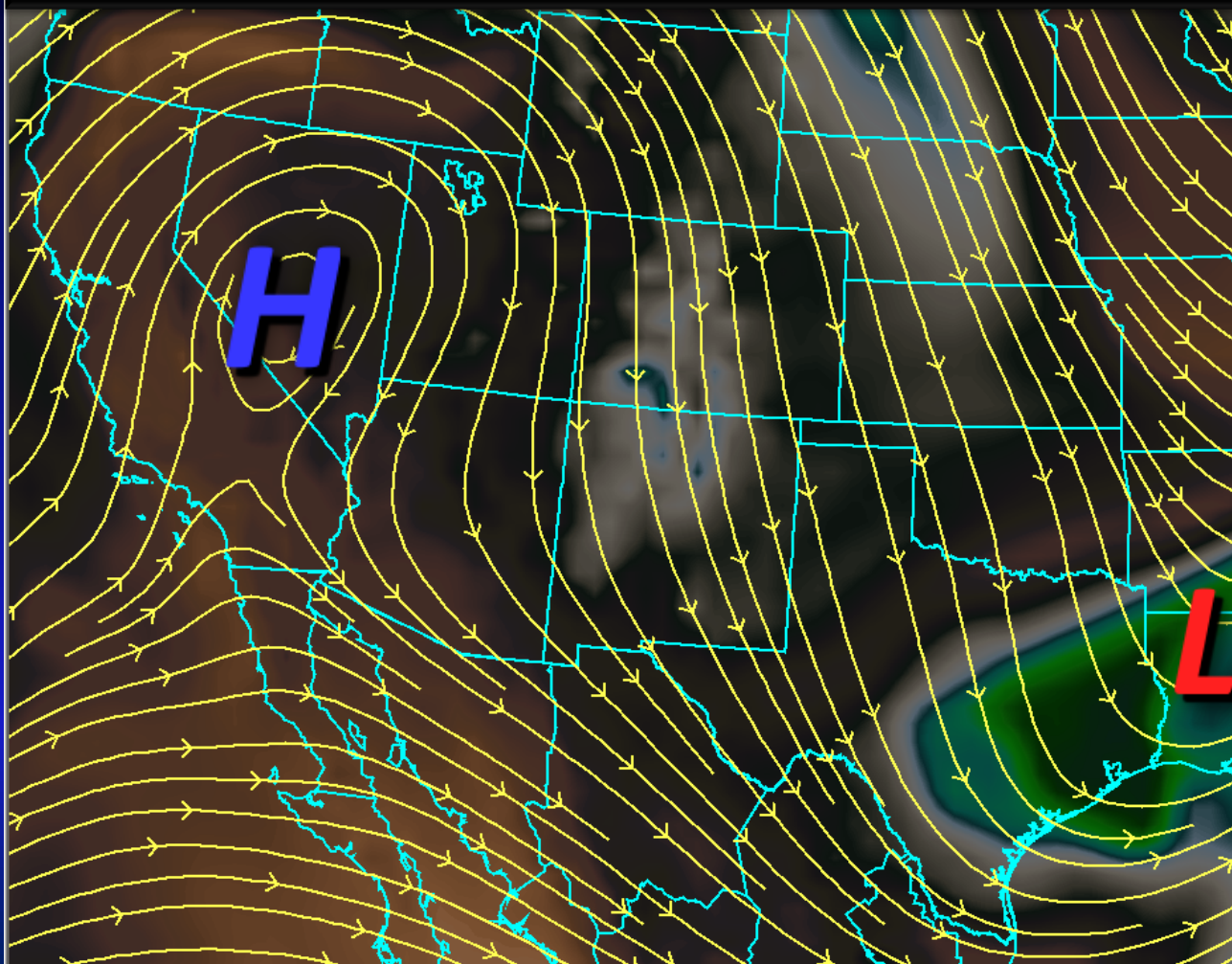
- ▶ Ice accumulation in Chaves County may break tree branches. If trees are in the vicinity of power lines, there may be interruptions to power.
- ▶ Winter precipitation is expected through the weekend. Outdoor activities such as Friday night high school football games, and soccer tournaments may be impacted.
- ▶ Travel will be impacted. Roadways may become slick and icy. School transportation Monday morning may be difficult.



Upper Level Forecast Chart (Image is Moisture)

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Tuesday

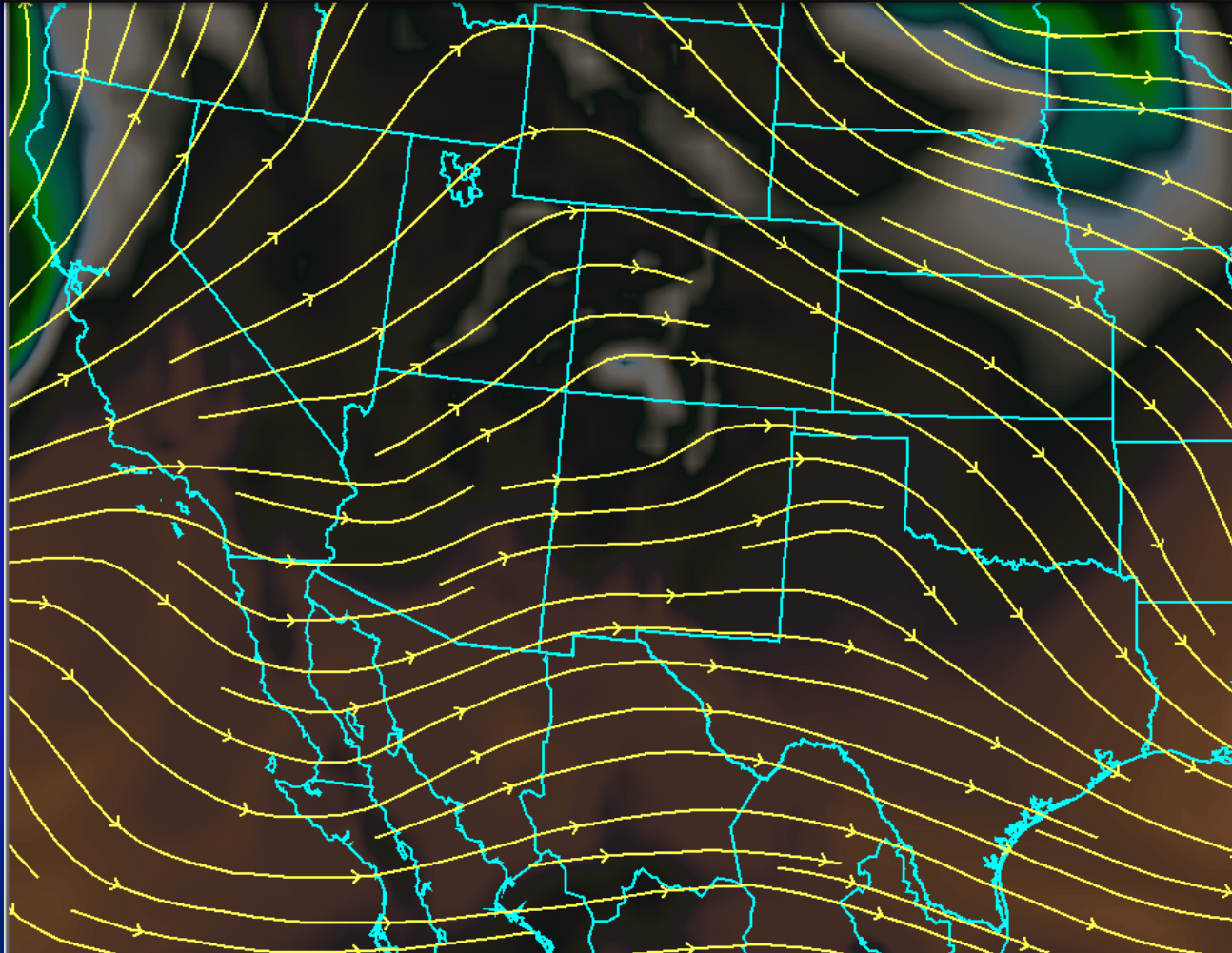


Tuesday: System well east. Could be a few flurries northern high terrain, but no significant weather impacts.



Upper Level Forecast Chart (Image is Moisture)

Wednesday



Wednesday: Temperatures will slowly begin to rebound to near normal values with a dry pattern indicated.



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